## AMENDMENT TO THE CLAIMS

- 1. (Currently Amended) A computer <u>readable\_storage\_medium having</u> instructions for validating data in a database system, the instructions comprising:
  - instantiating a property of an first object as a second
    object;
  - obtaining constraint information pertaining to the property to be validated; and
  - applying constraint information to a property of the second object to ascertain if the property is validated.
- 2. (Currently Amended) The computer readable storage medium of claim 1

wherein the constraint information comprises a function of the value of the property, and wherein applying constraint information comprises comparing a received value for the property to the constraint information.

- 3. (Currently Amended) The computer readable storage medium of claim 1 wherein the constraint information comprises a function of status of a second property, and wherein applying constraint information comprises examining the status of the second property.
- 4. (Currently Amended) The computer readable storage medium of claim 3 wherein the status of the second property comprises whether its value can be changed.
- 5. (Currently Amended) The computer <u>readable</u> <u>storage</u> medium of claim 4 wherein the status of the second property comprises whether its value is valid.

- 6. (Currently Amended) The computer <u>readable</u> <u>storage</u> medium of claim 1 and further comprising setting the value of the property if the constraint information is met.
- 7. (Currently Amended) The computer <u>readable\_storage</u> medium of claim 6 and further comprising issuing an event indicating the property is valid.
- 8. (Currently Amended) The computer <u>readable</u> <u>storage</u> medium of claim 1 and further comprising issuing an exception if the constraint information is not met.
- 9. (Currently Amended) The computer readable storage medium of claim 1 and further comprising issuing an event indicating the property value is changing.
- 10. (Currently Amended) The computer <u>readable</u>\_storage\_medium of claim 1 and further comprising issuing an event indicating whether the property value is changeable.
- 11. (Currently Amended) The computer readable storage medium of claim 1 and further comprising obtaining a current value of the property.
- 12. (Currently Amended) A computer <u>readable\_storage\_medium</u> having instructions comprising a framework for validating data in a database system, the instructions comprising:
  - identifying at least one property of an entity to be validated;
  - identifying constraint information to be used for ascertaining if said at least one property is valid; and
  - forming an object of said at least one property upon

execution of said instructions in order to perform validation.

- 13. (Currently Amended) The computer readable storage medium of claim 12 and further comprising identifying a validator of a function of a type of said at least one property, the validator being of a class of validators.
- 14. (Currently Amended) The computer readable storage medium of claim 12 and further comprising identifying events to be issued during validation.
- 15. (Currently Amended) The computer readable storage medium of claim 14 wherein an event to be issued comprises a notification that a value of the property is changing.
- 16. (Currently Amended) The computer readable storage medium of claim 14 wherein an event to be issued comprises a notification that a value of the property has changed.
- 17. (Currently Amended) The computer readable storage medium of claim 14 wherein an event to be issued comprises a status of the property has changed.
- 18. (Currently Amended) The computer readable storage medium of claim 17 wherein the status comprises whether the value of the property is changeable.
- 19. (Currently Amended) The computer <u>readable\_storage\_medium</u> of claim 18 wherein the status comprises whether the value of the property is valid.

- 20. (Currently Amended) The computer <u>readable</u> <u>storage</u> medium of claim 12 wherein identifying constraint information comprises identifying valid criteria for a value of the property.
- 21. (Currently Amended) The computer readable storage medium of claim 12 wherein identifying constraint information comprises identifying criteria of when a value of the property can be changed.
- 22. (Currently Amended) The computer readable storage medium of claim 21 wherein the criteria identifies that the value can be changed anytime upon execution of the instructions.
- 23. (Currently Amended) The computer readable storage medium of claim 21 wherein the criteria identifies that the value can be changed as a function of creation of a corresponding entity.
- 25. (Currently Amended) The computer readable storage medium of claim 21 wherein the criteria identifies that the value can be changed as a function of a status value of another property.
- 26. (Currently Amended) The computer <u>readable</u>\_storage\_medium of claim 25 wherein the status value comprises whether said another property is changeable.
- 27. (Currently Amended) The computer readable storage medium of claim 26 wherein the status value comprises whether said another property is valid.